

FIG. 1

FIG. 2

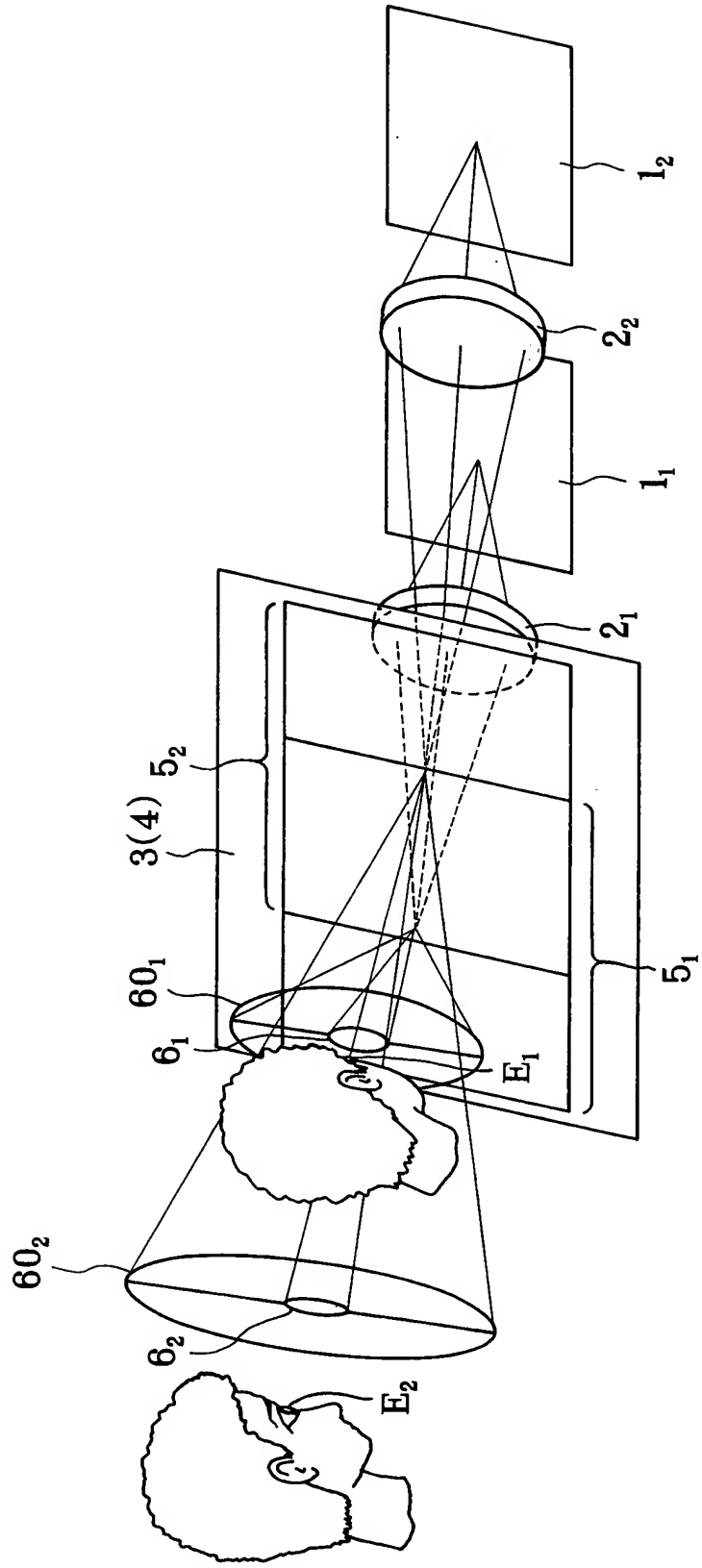


FIG. 3

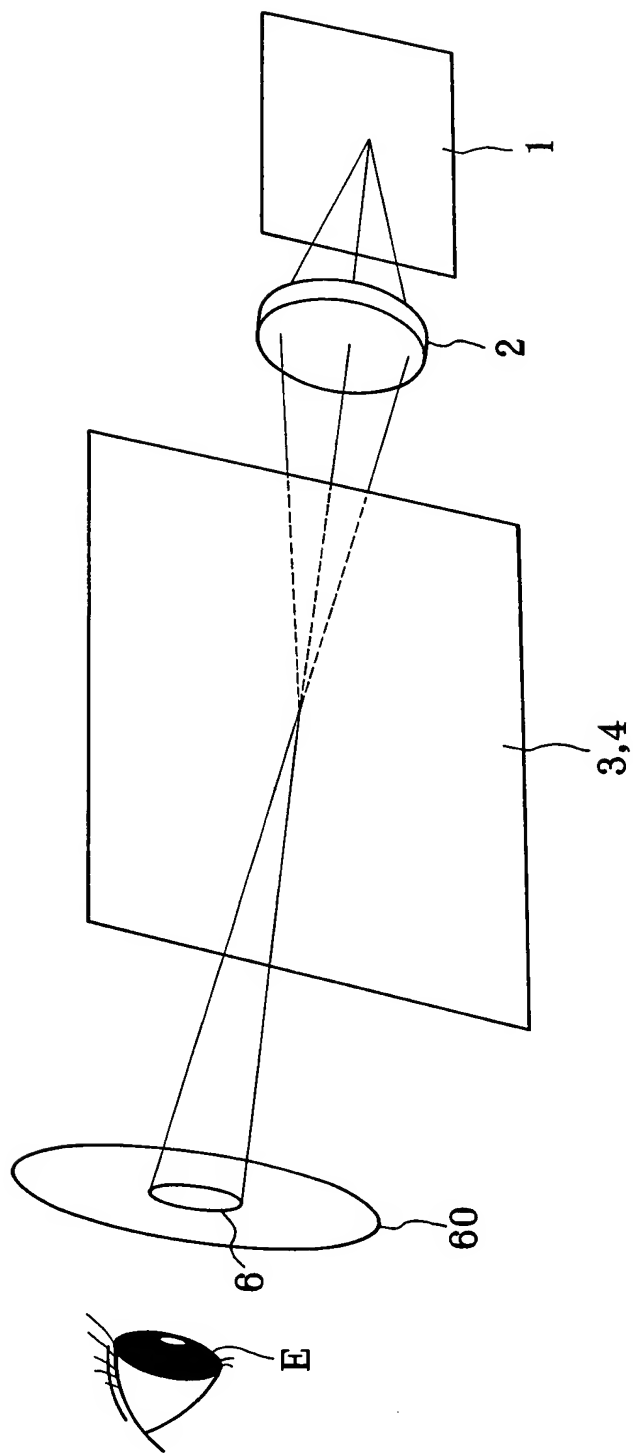


FIG. 4

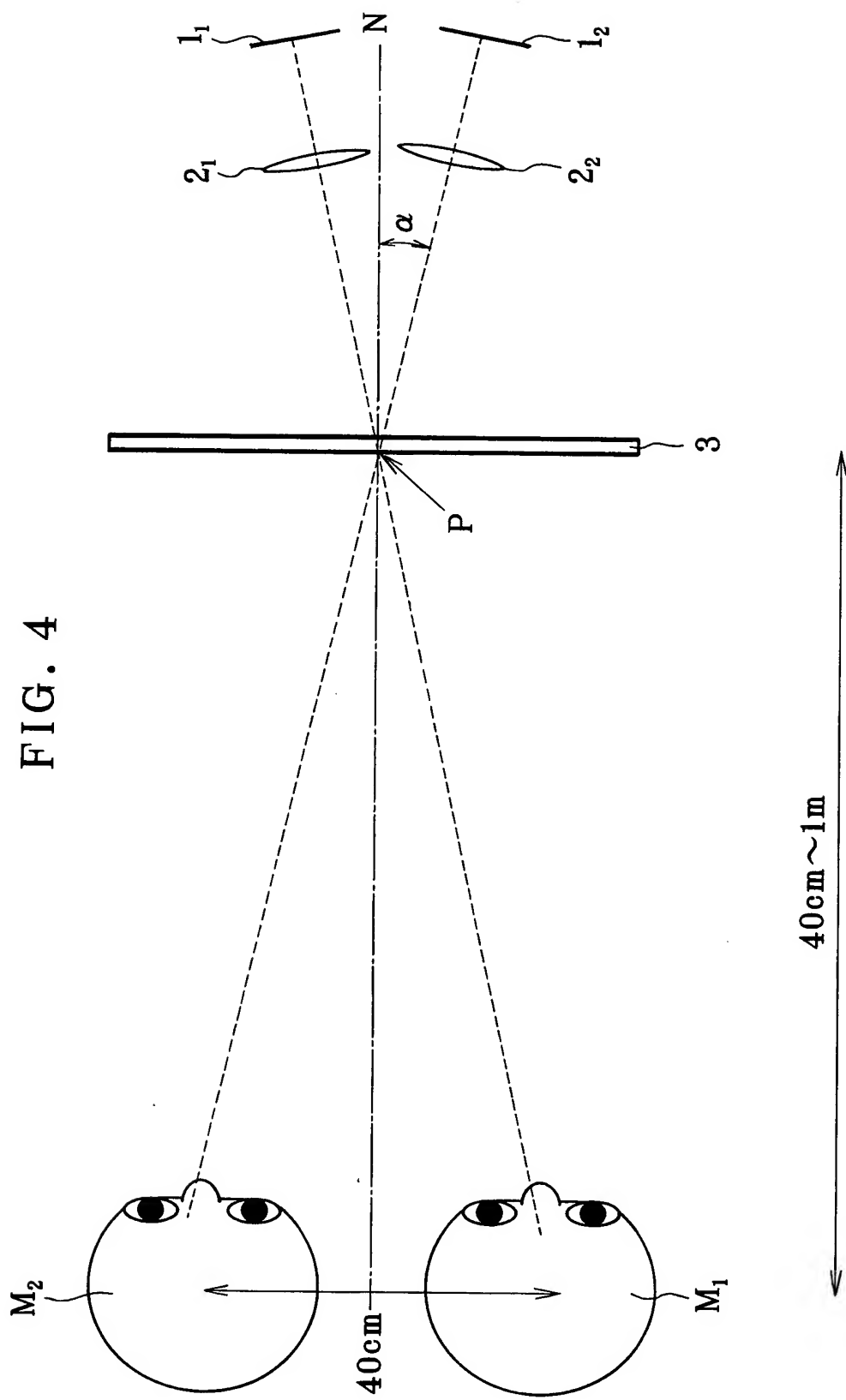


FIG. 5

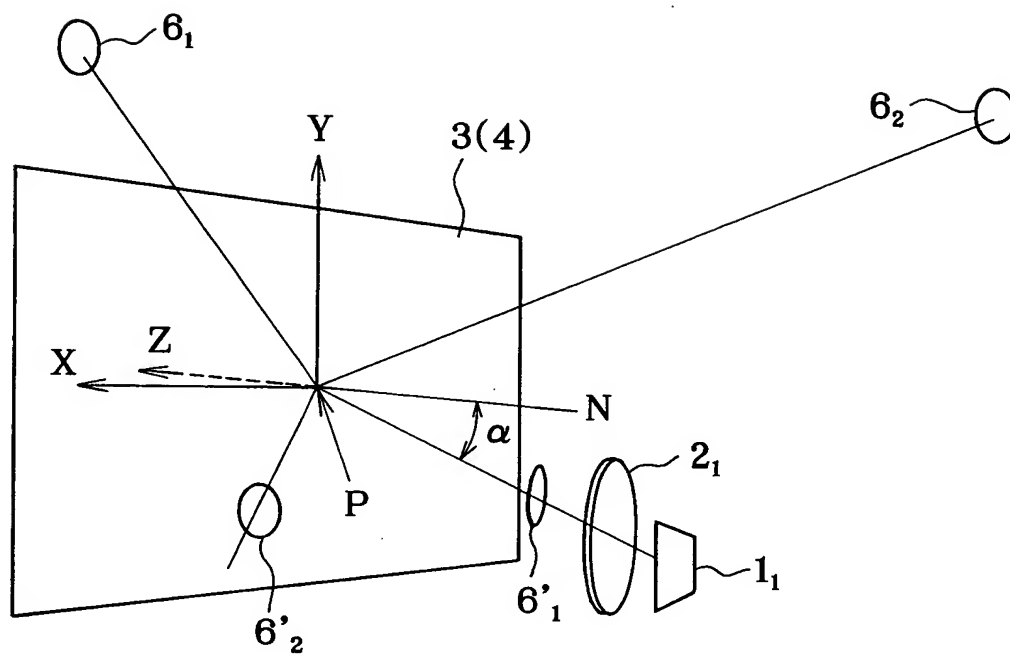


FIG. 6

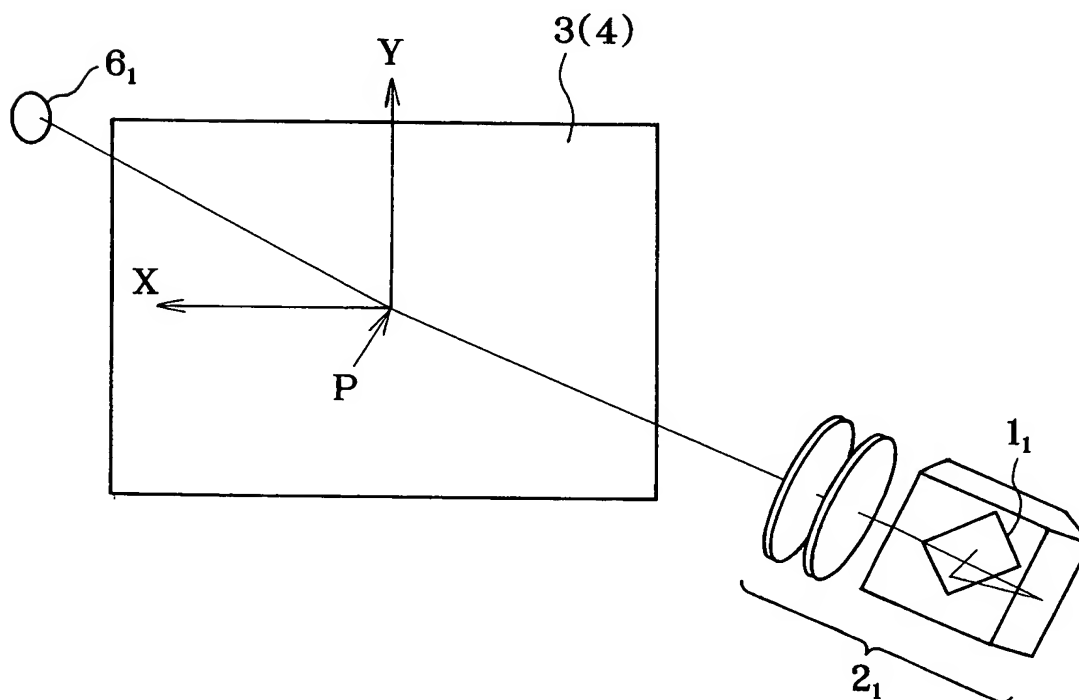


FIG. 7

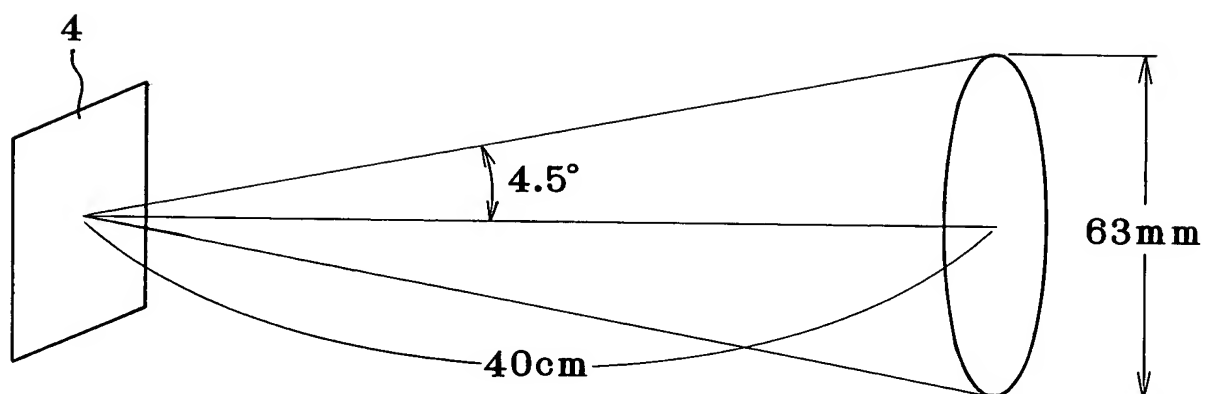


FIG. 8

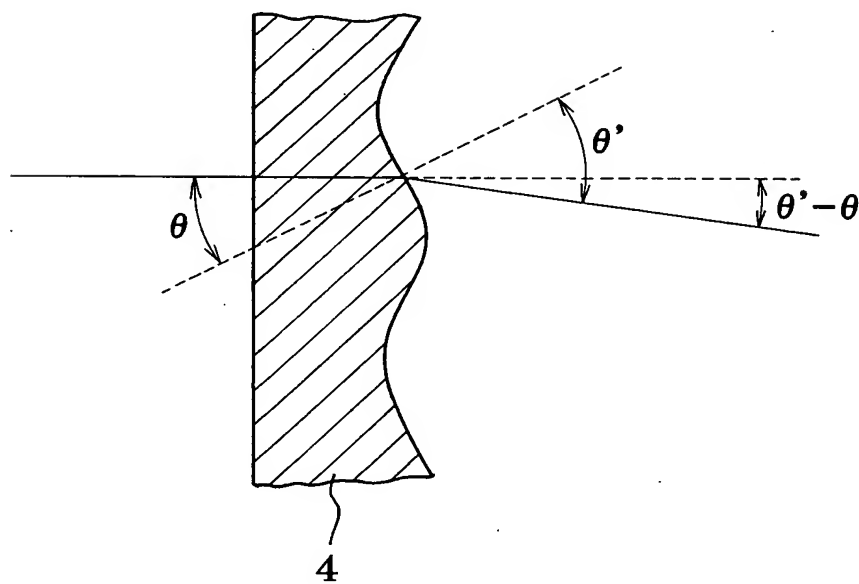


FIG. 9

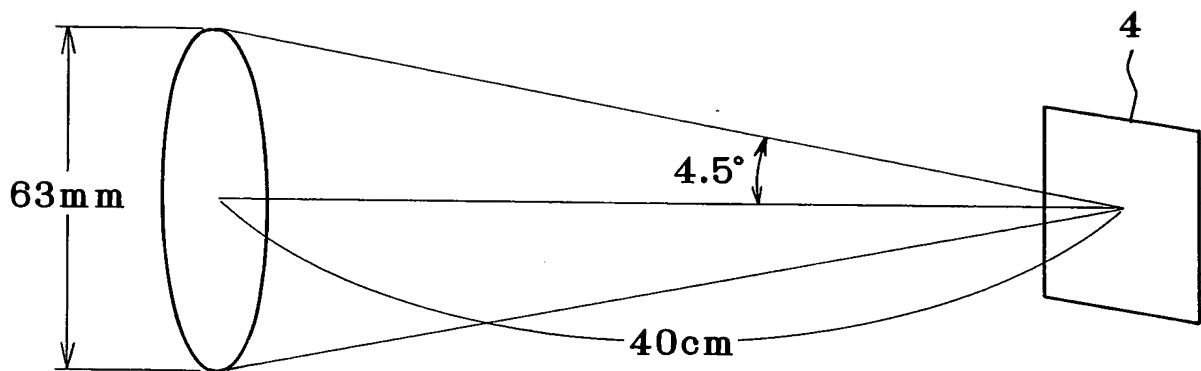


FIG. 10

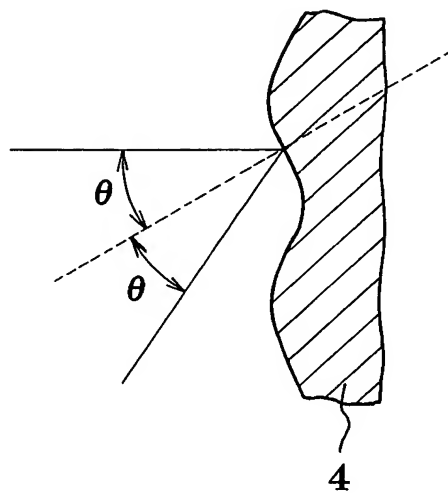


FIG. 11

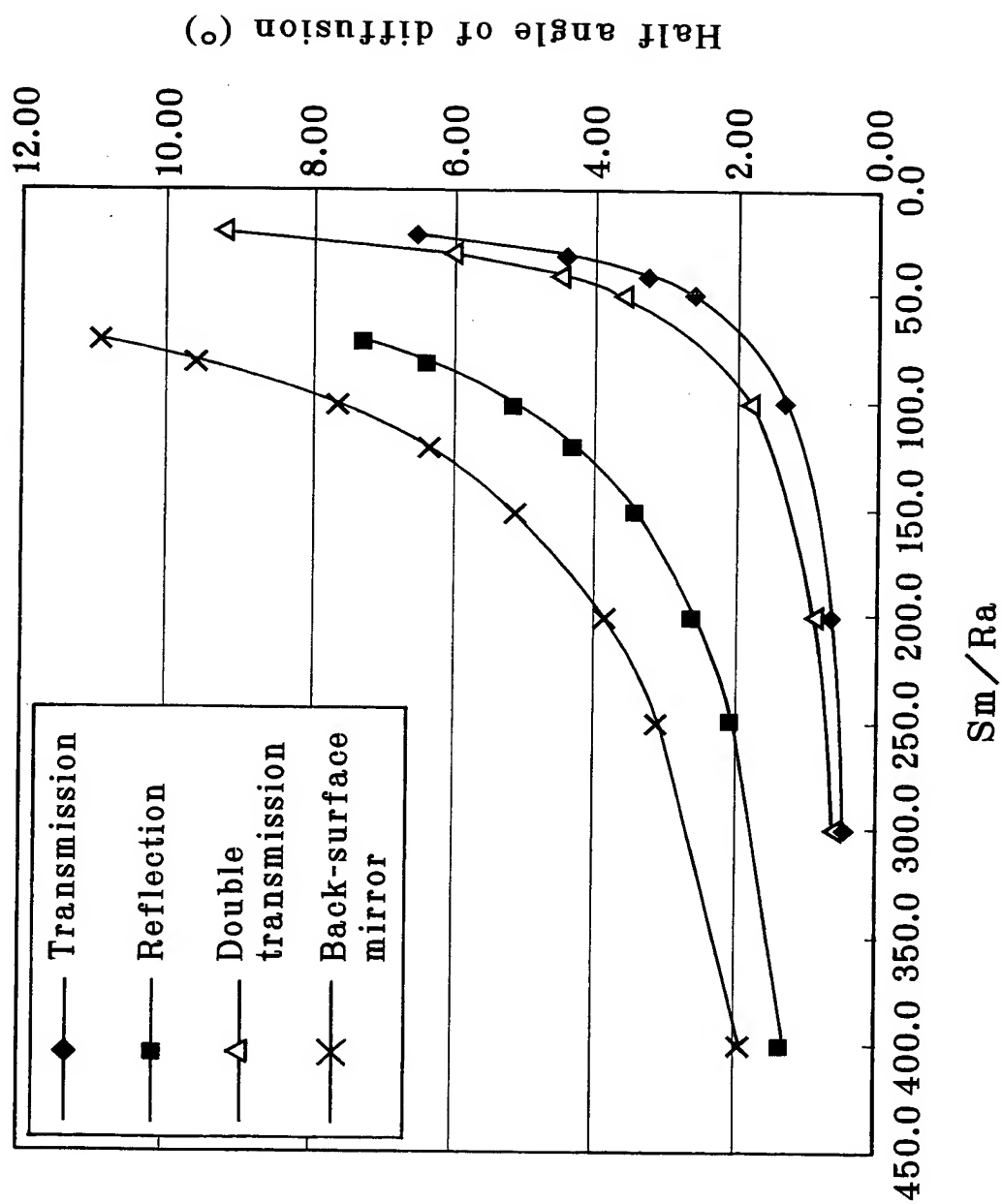


FIG. 12(a)

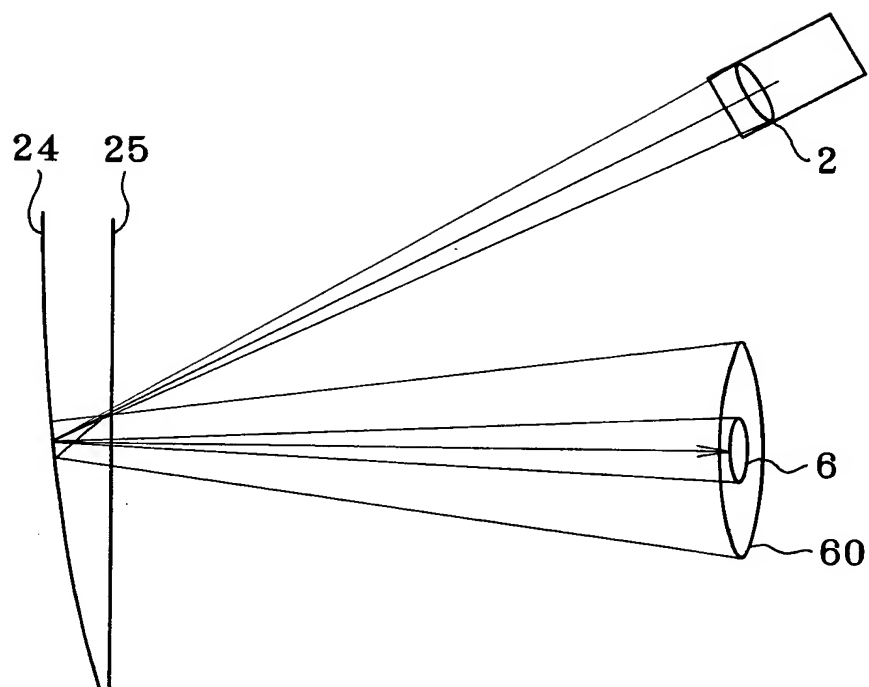


FIG. 12(b)

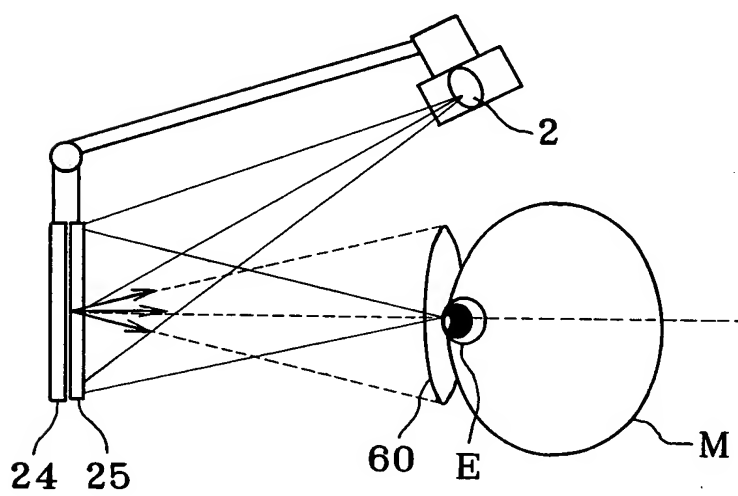


FIG. 13(a)

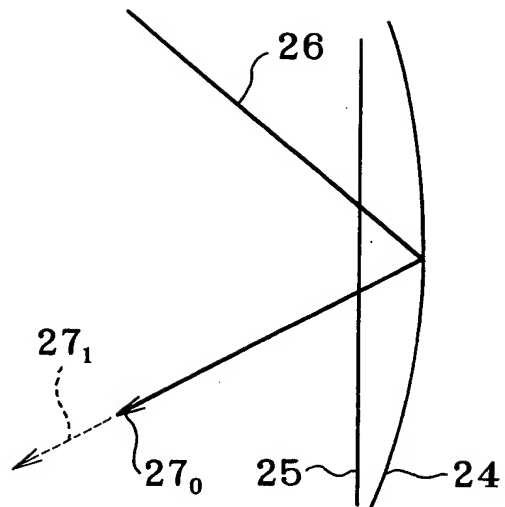


FIG. 13(b)

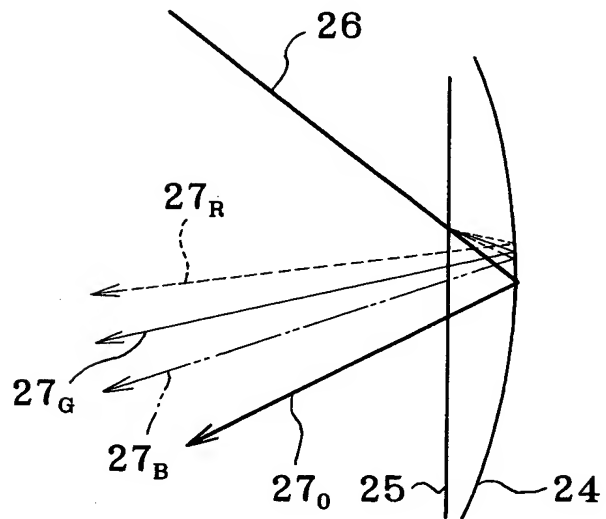


FIG. 13(c)

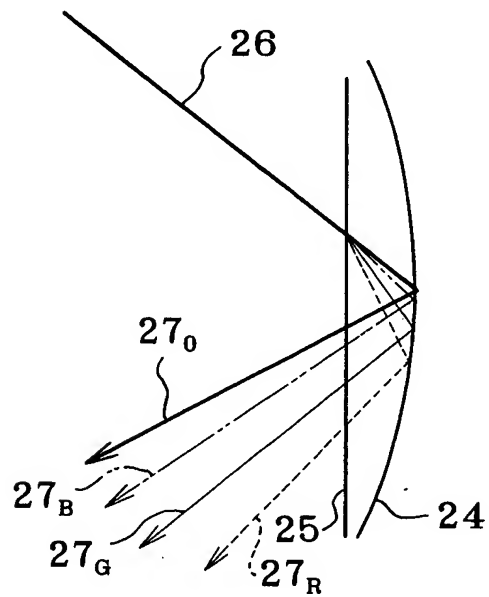


FIG. 14(a)

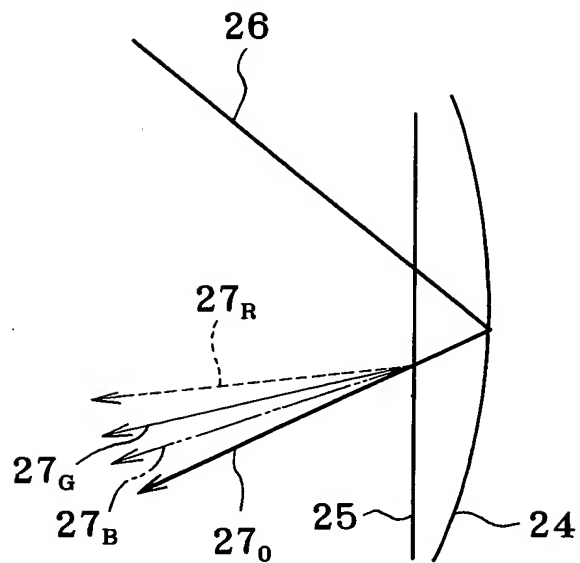


FIG. 14(b)

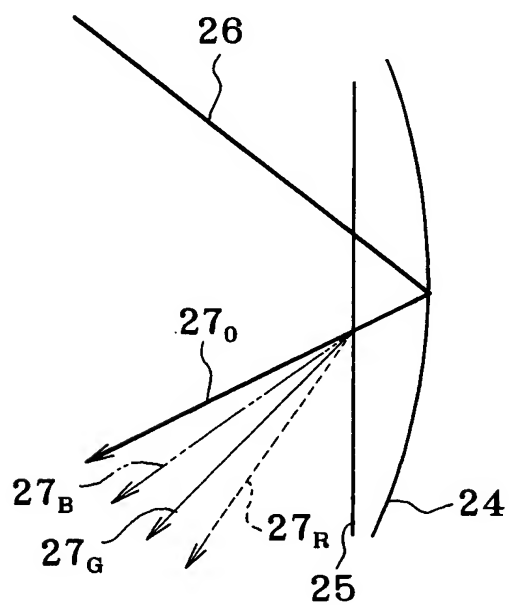


FIG. 15(a)

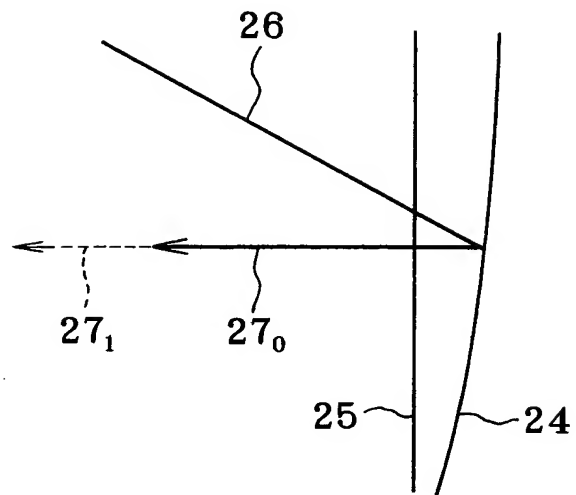


FIG. 15(b)

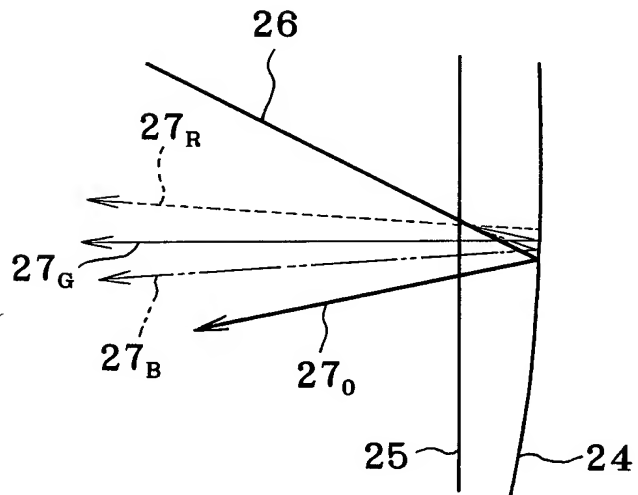


FIG. 15(c)

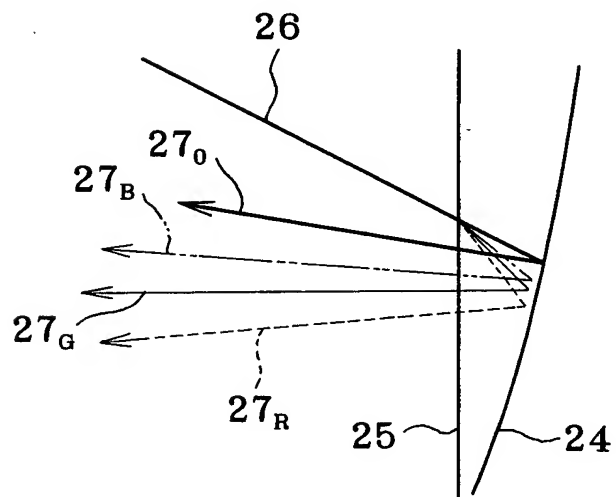


FIG. 16

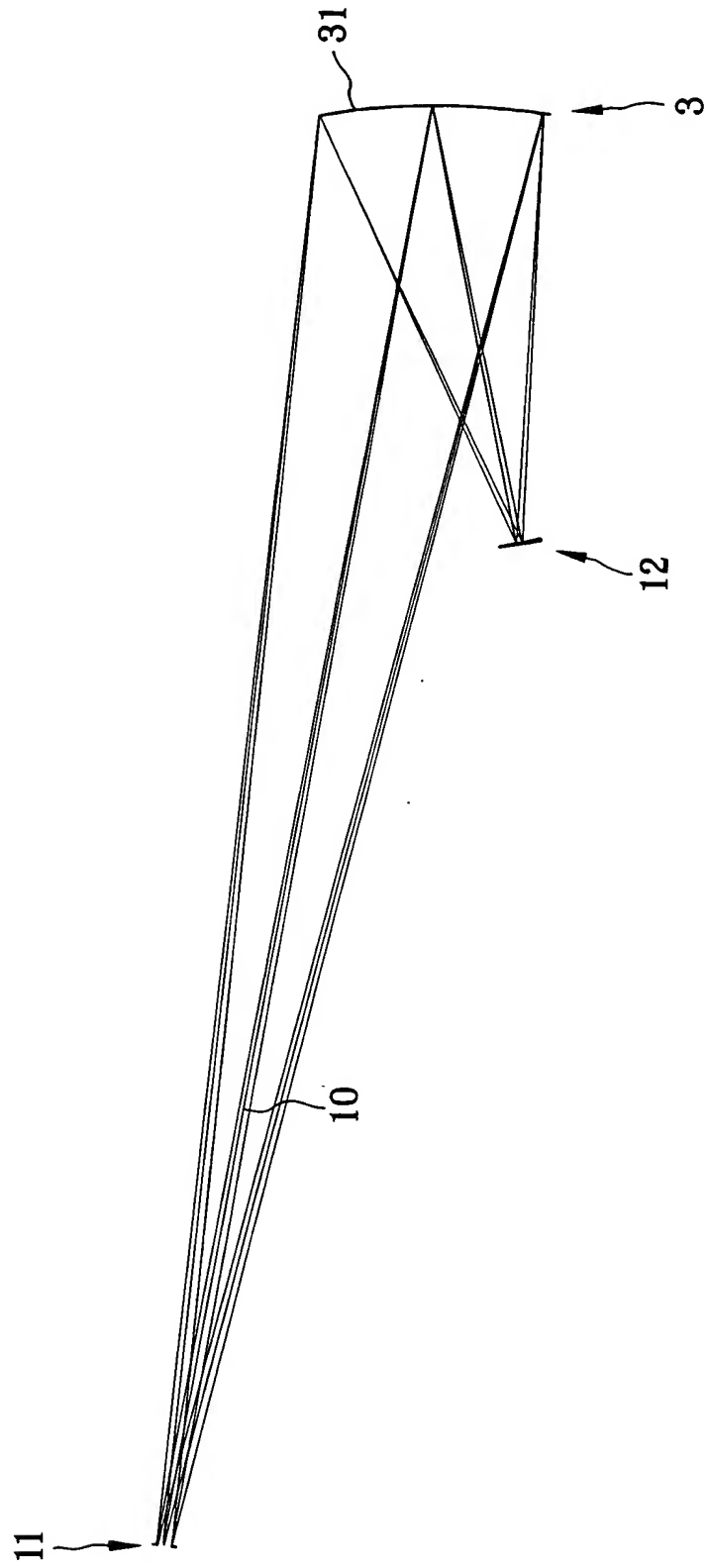


FIG. 17

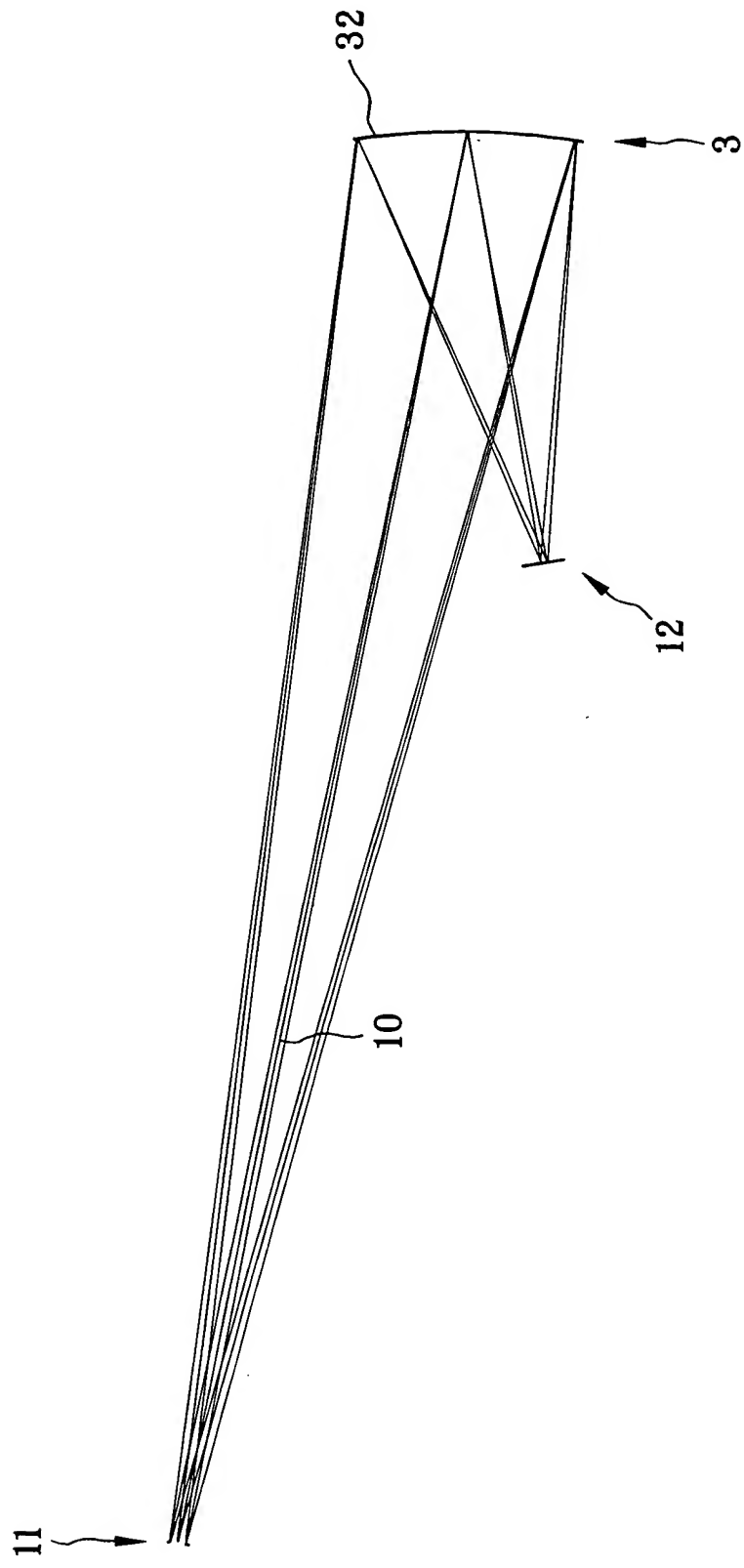


FIG. 18

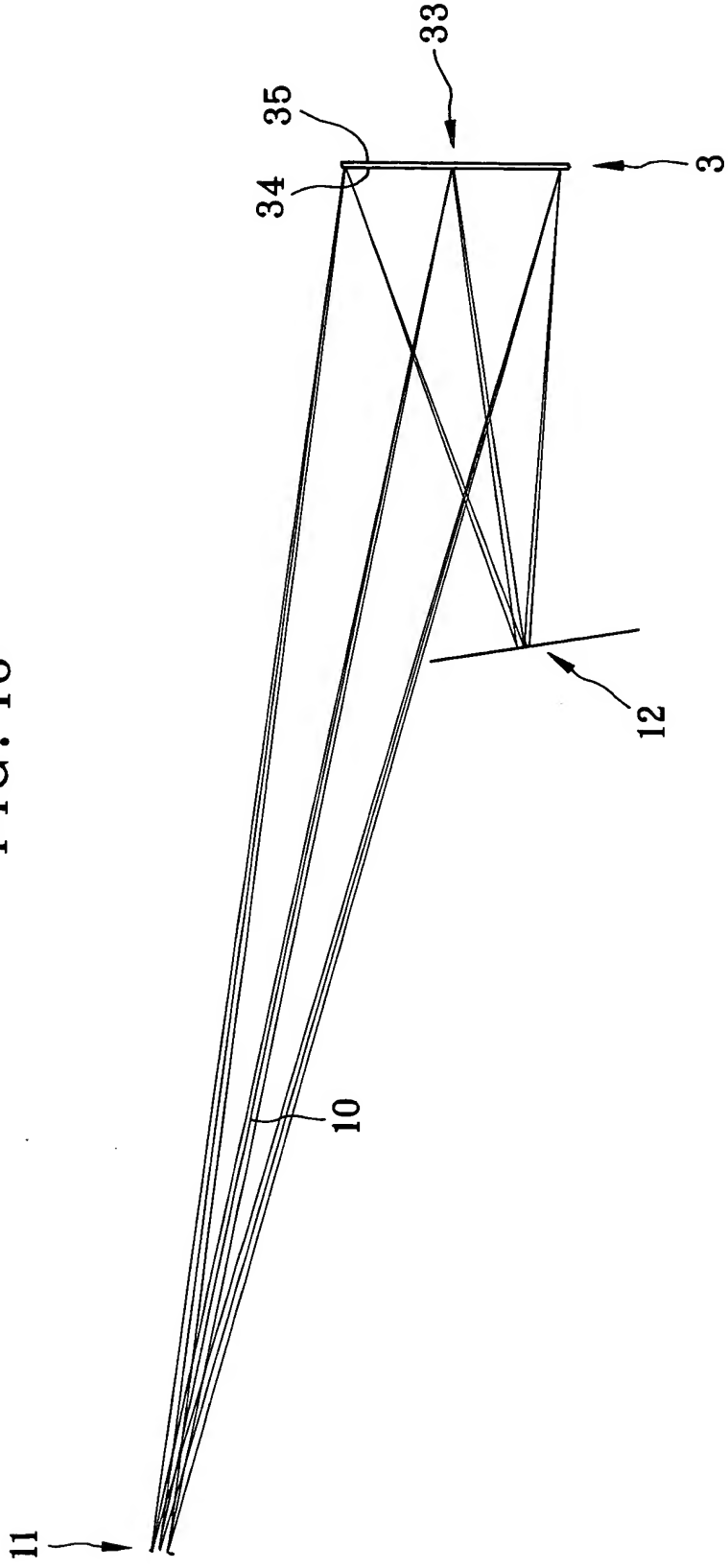


FIG. 19

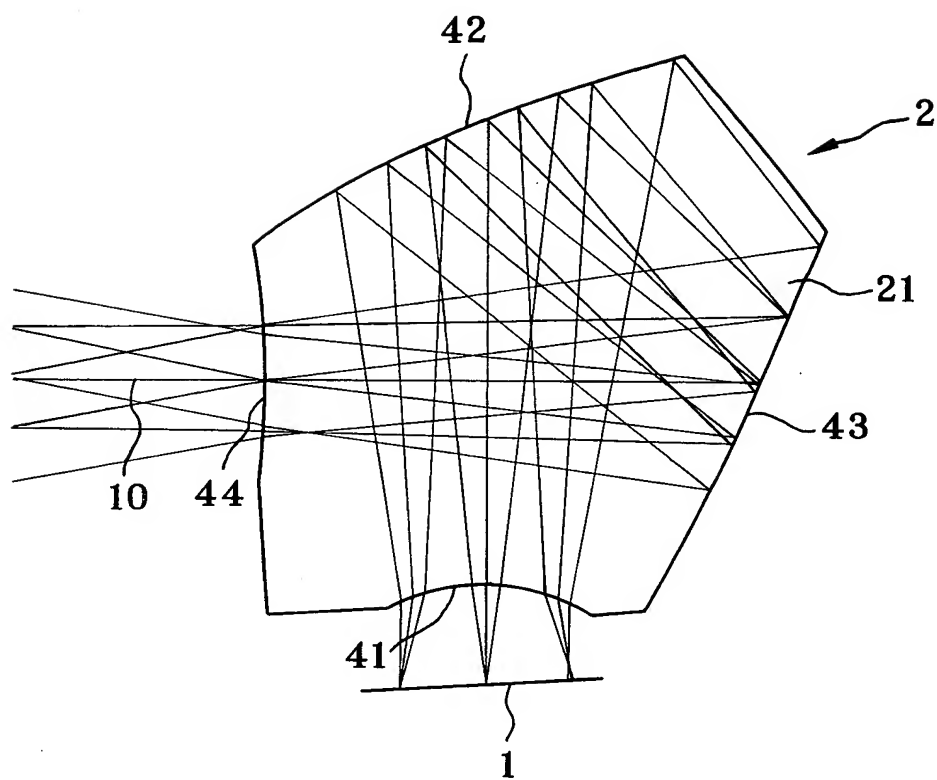


FIG. 20

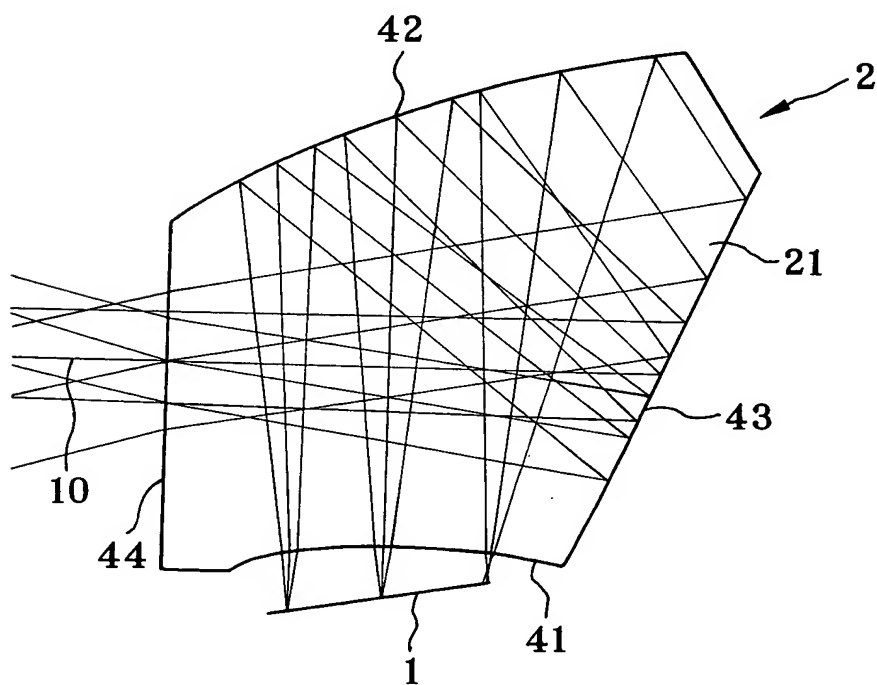


FIG. 21

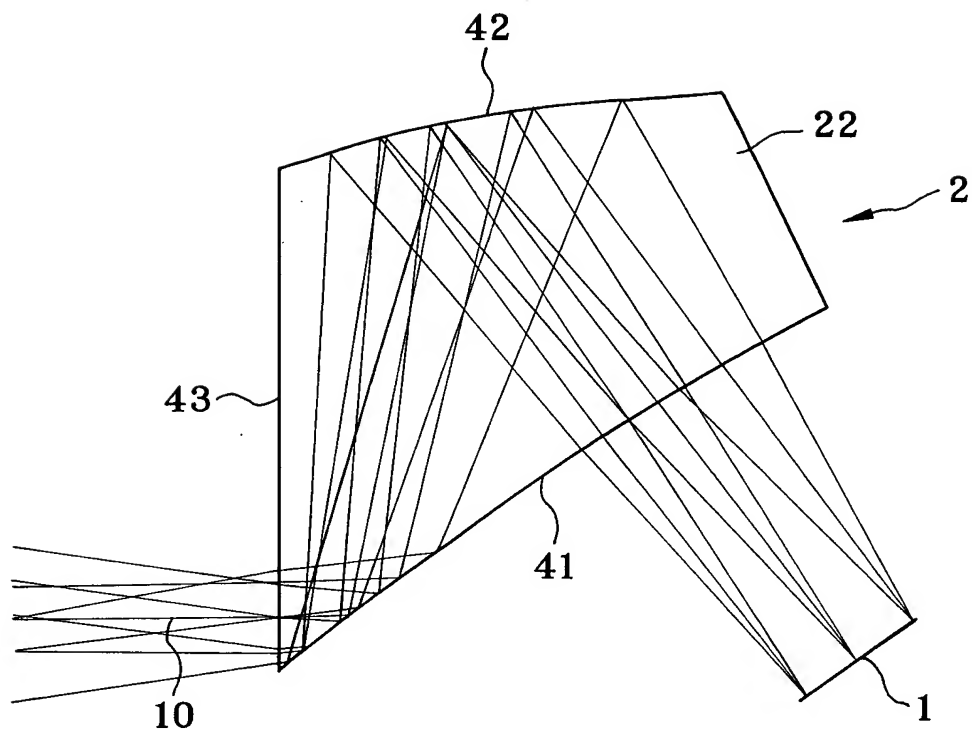


FIG. 22

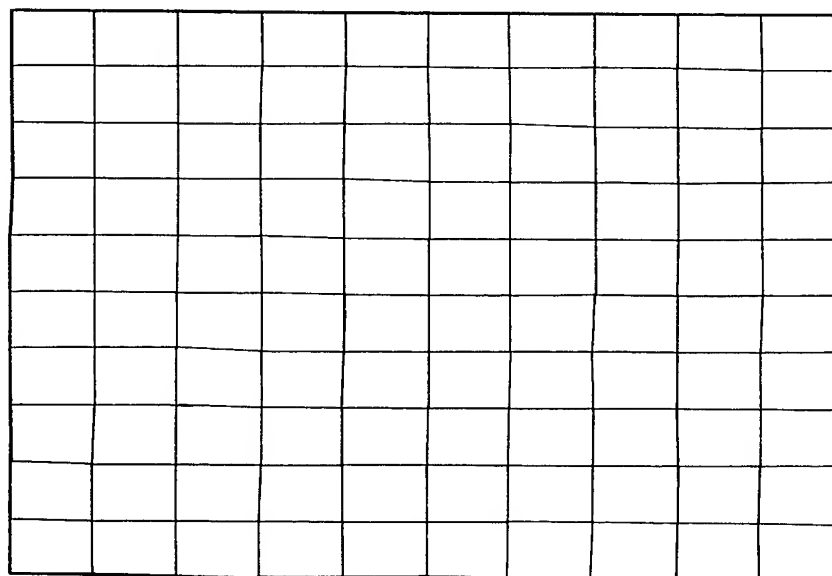


FIG. 23

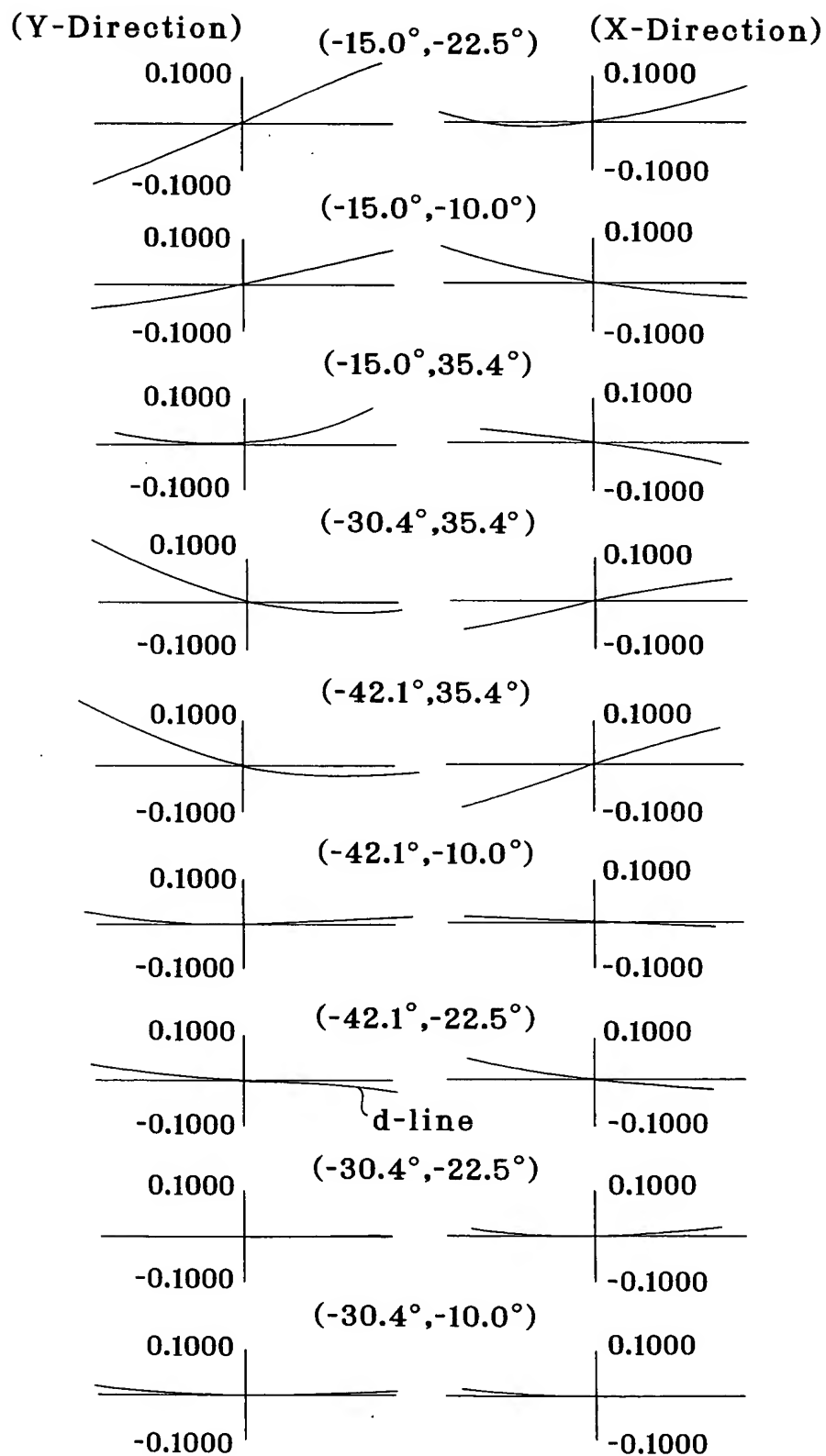


FIG. 25

First light source (0,297.11,-578.12)
light source equivalent to the pupil plane of the
projection optical system

Second light source
diffusing surface light source having
a size of $\phi 82$ around (0,235.57,-605.67)

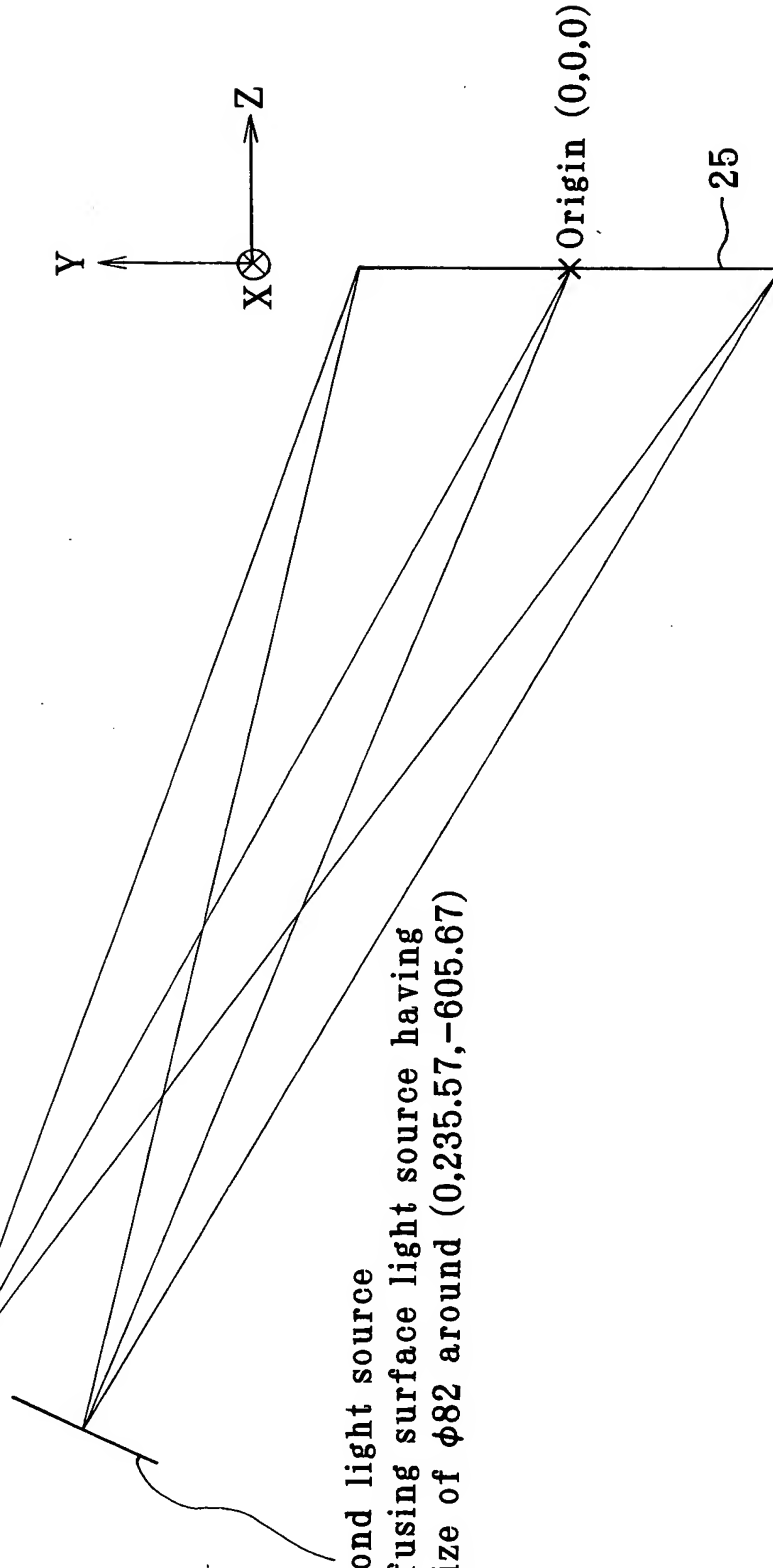


FIG. 26

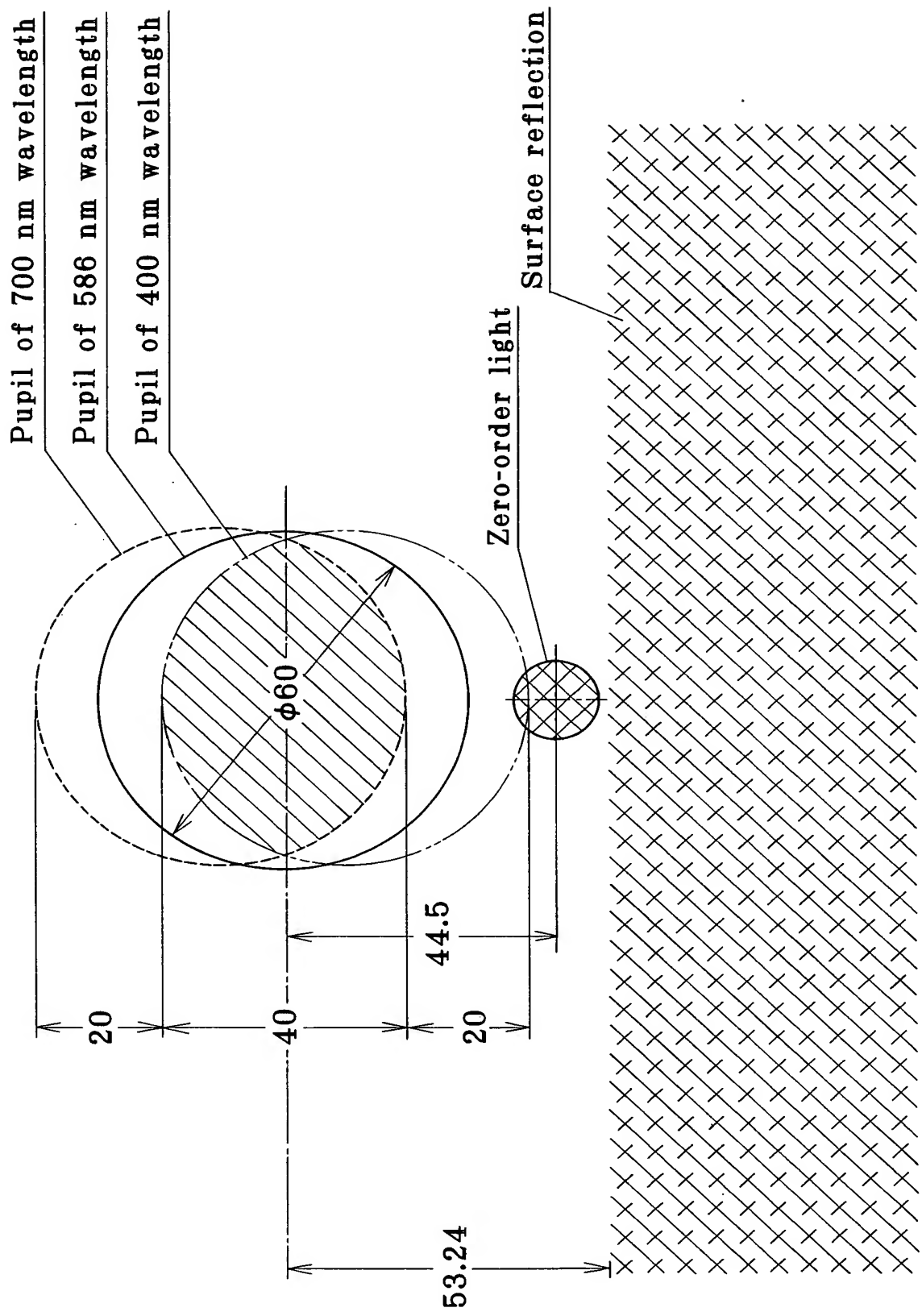


FIG. 27

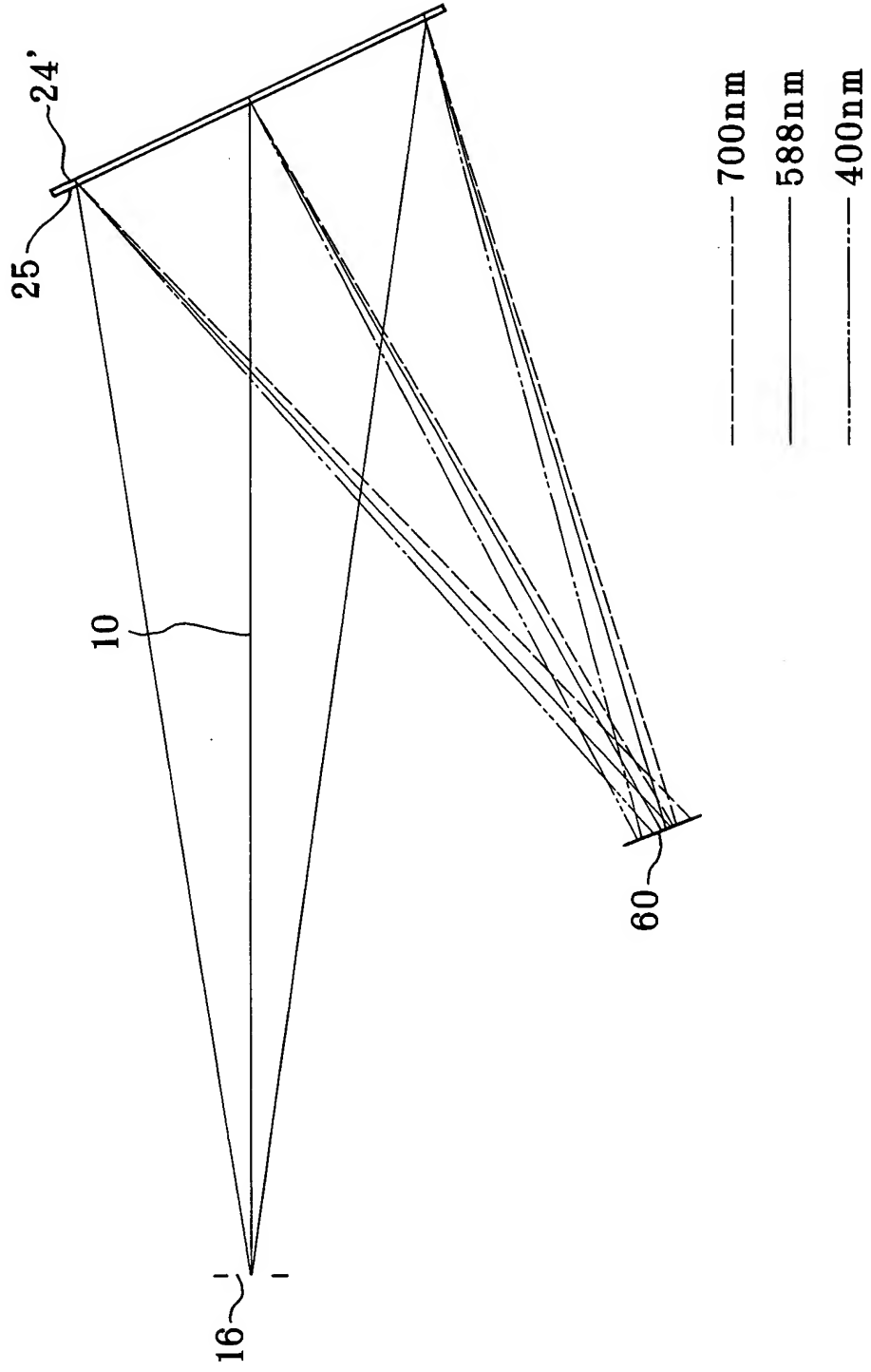


FIG. 28

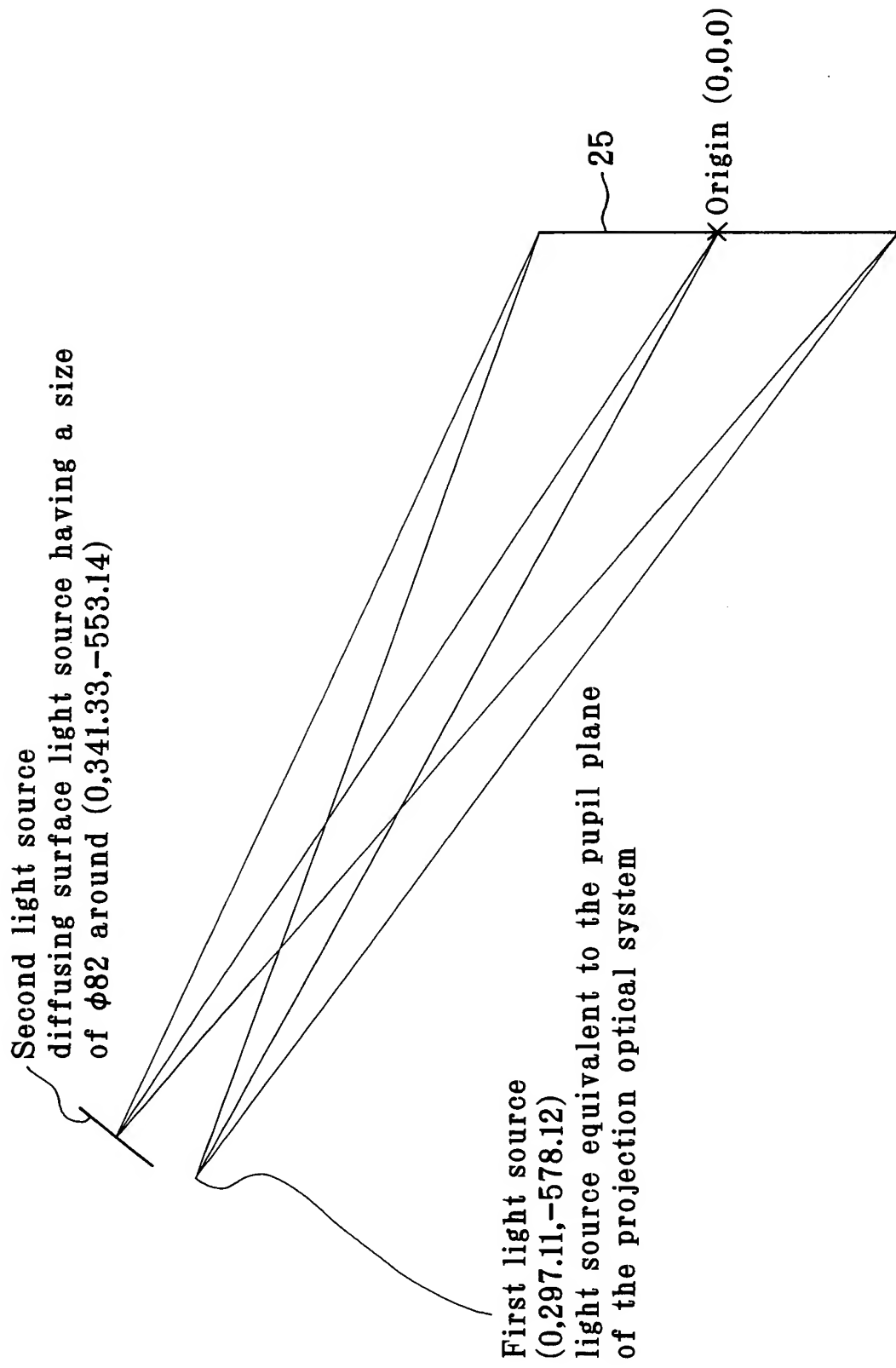


FIG. 29

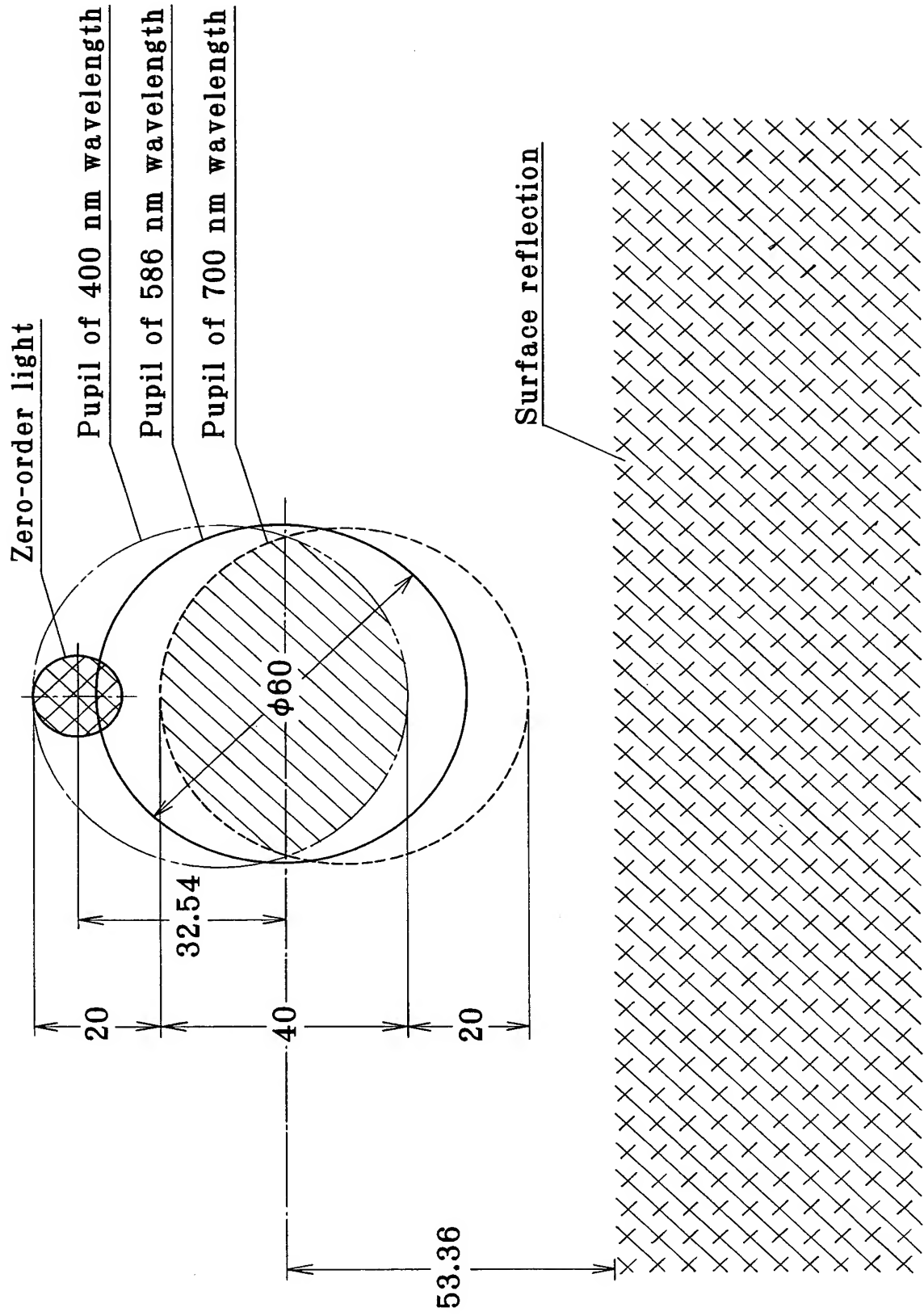


FIG. 30

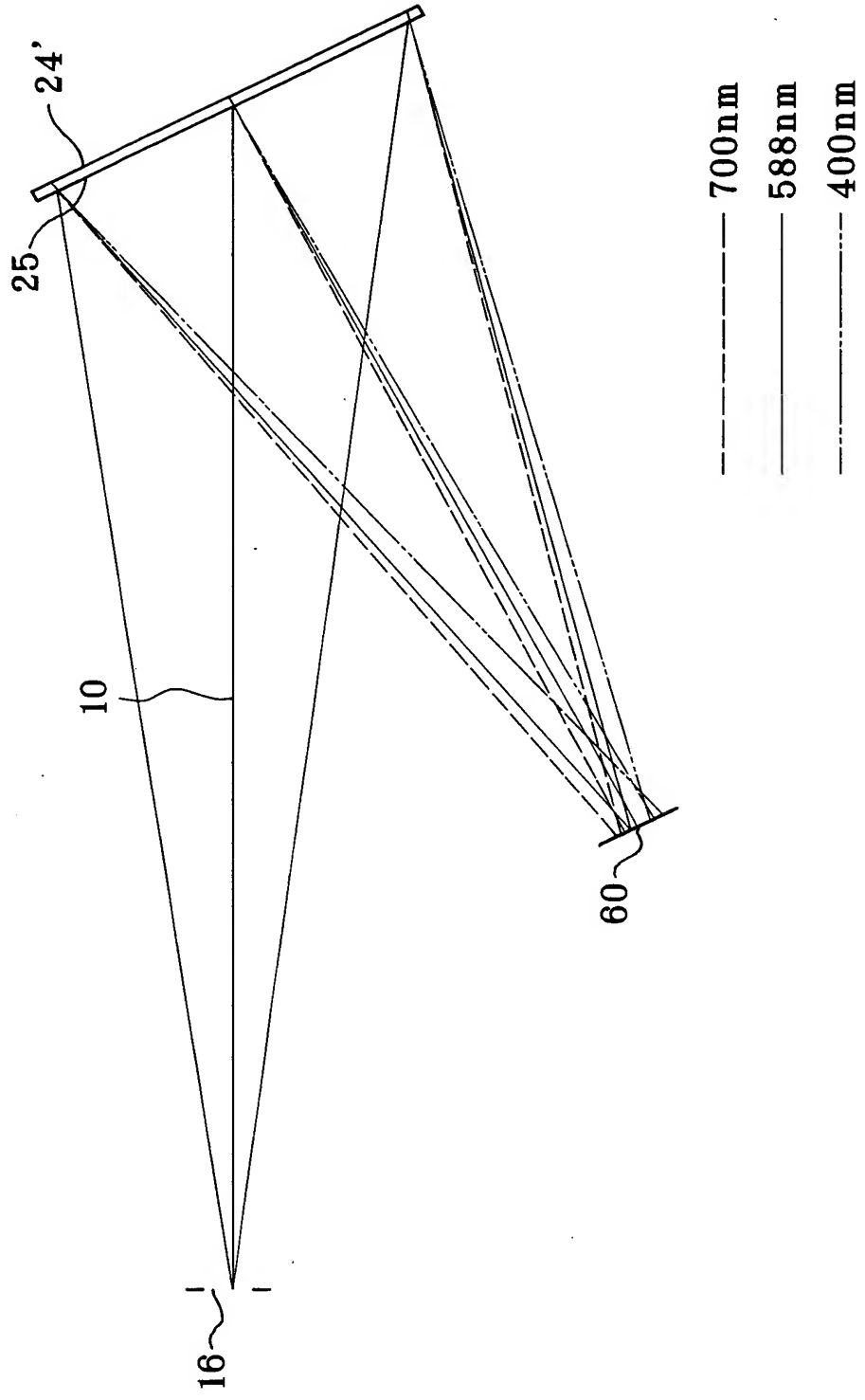
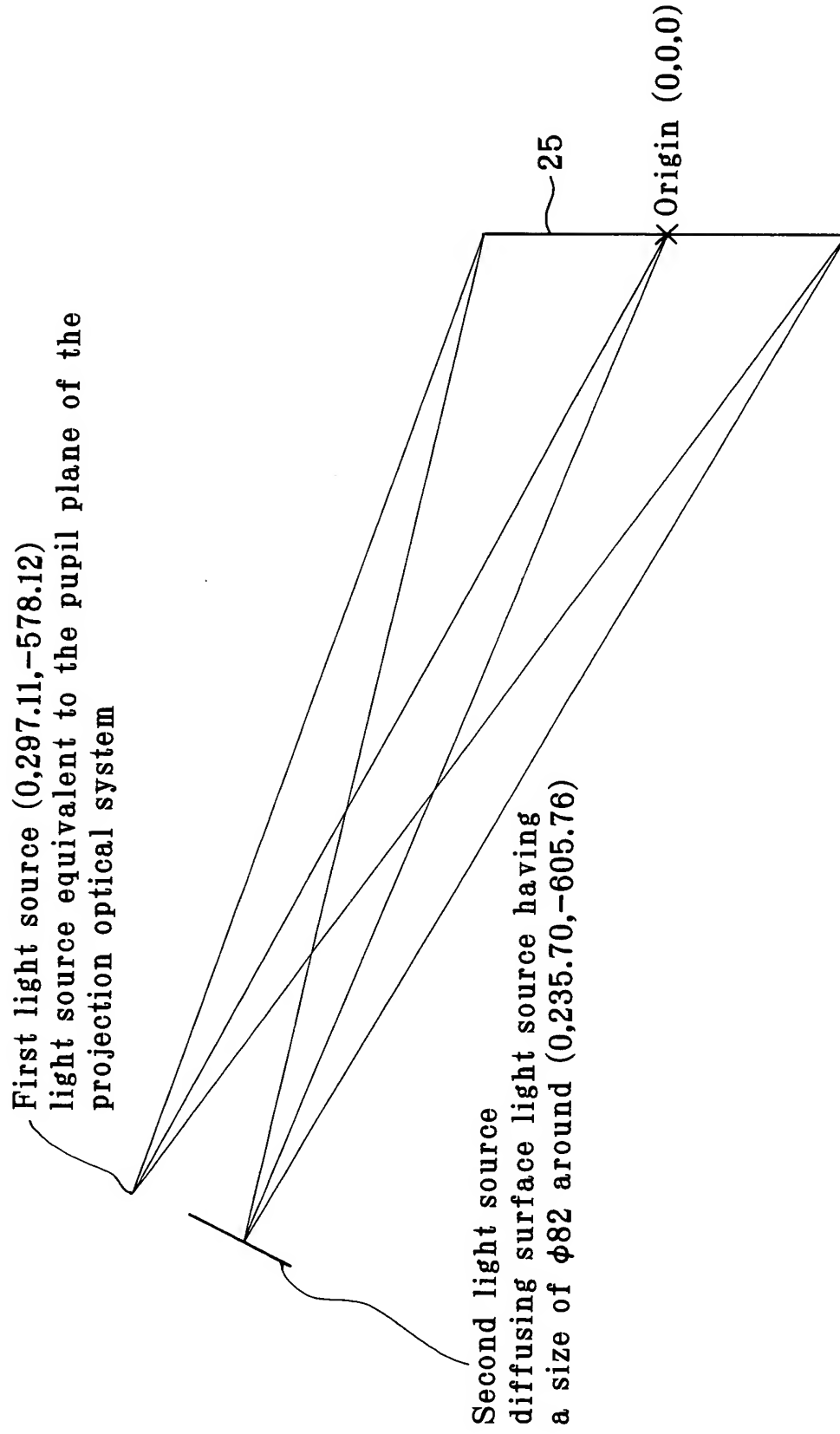


FIG. 31



The diagram illustrates a circular optical system. It features three concentric circles representing pupils for different wavelengths: 700 nm (outermost), 586 nm (middle), and 400 nm (innermost, shaded with diagonal lines). A central circular source labeled 'Zero-order light' is positioned to the right of the pupils. The system is defined by a circular boundary with a diameter of $\phi 60$. Vertical dimension lines on the left indicate distances from the top edge: 16 to the top of the 700 nm pupil, 44 to the top of the 400 nm pupil, and 52.81 to the center of the zero-order light source. Horizontal dimension lines at the bottom indicate distances from the left edge: 16 to the center of the zero-order light source and 44.17 to the center of the 400 nm pupil. A hatched rectangular area on the right is labeled 'Surface reflection'.

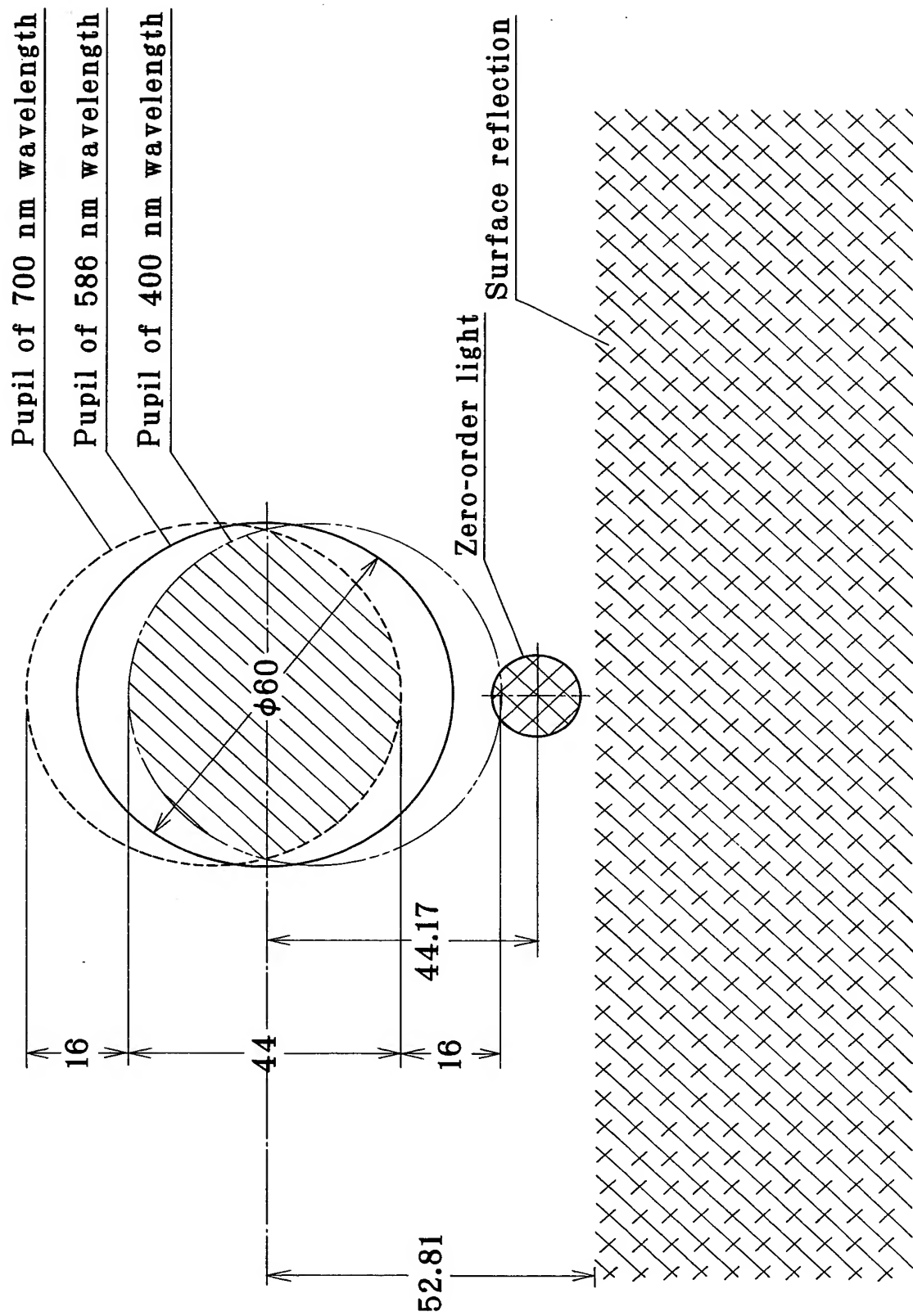


FIG. 33

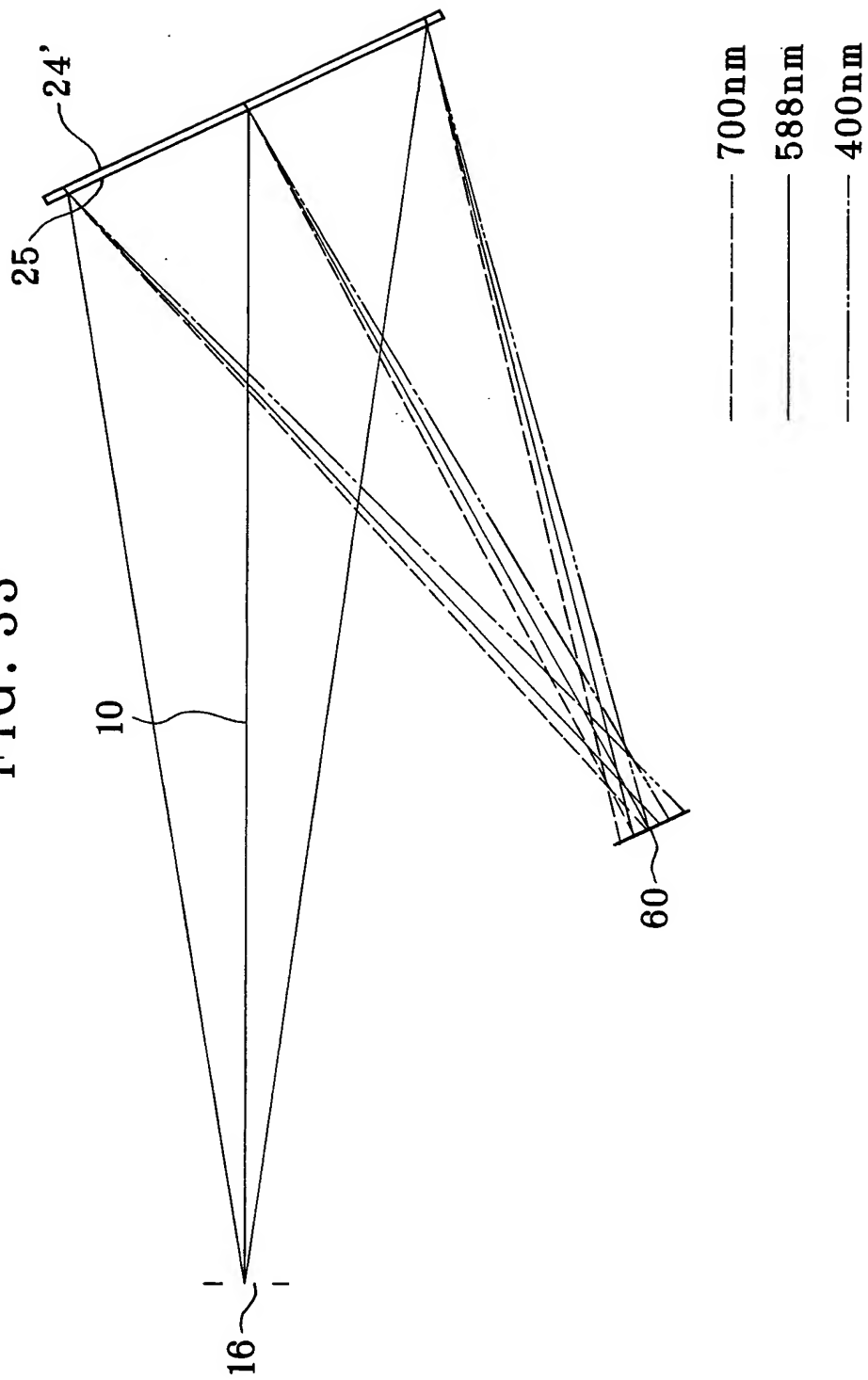


FIG. 34

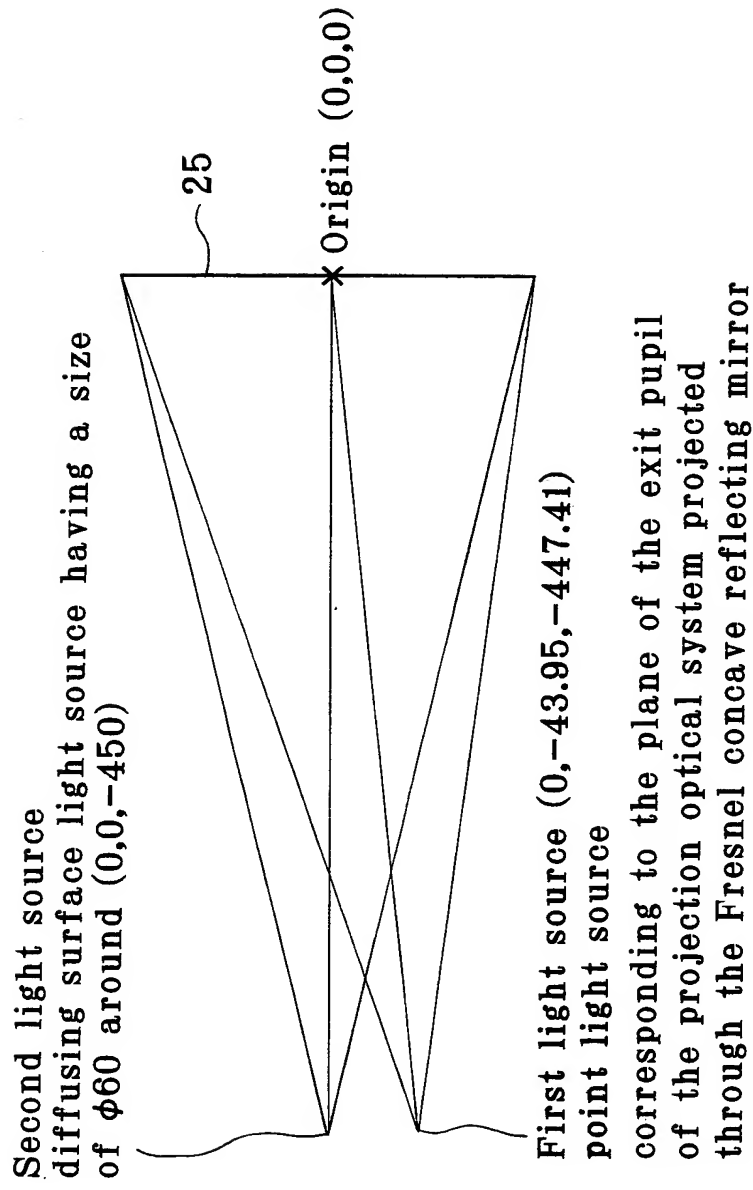


FIG. 35

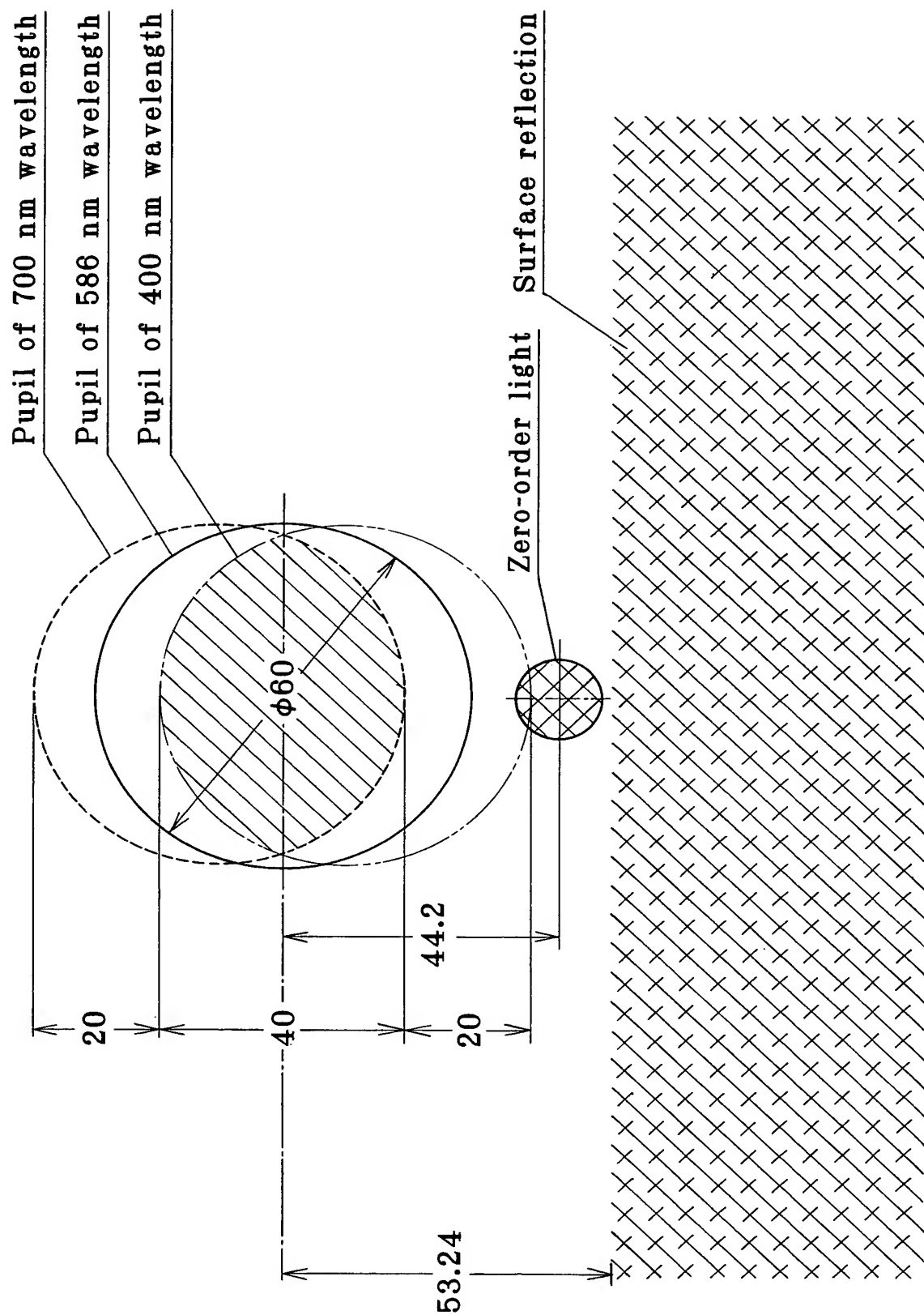


FIG. 36

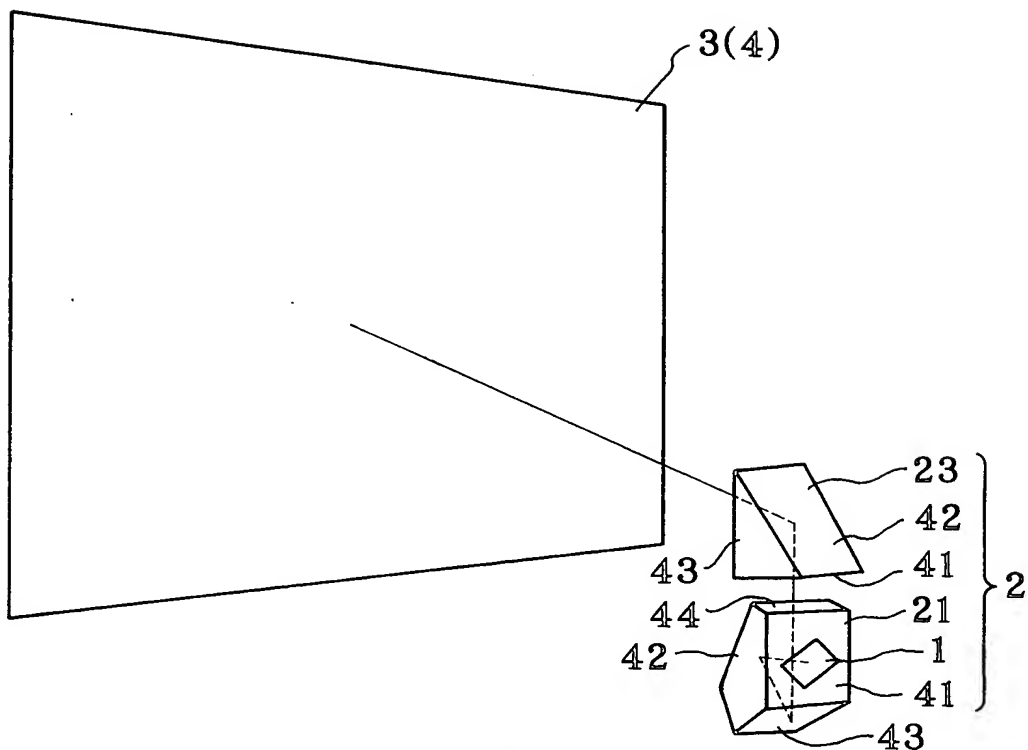


FIG. 37

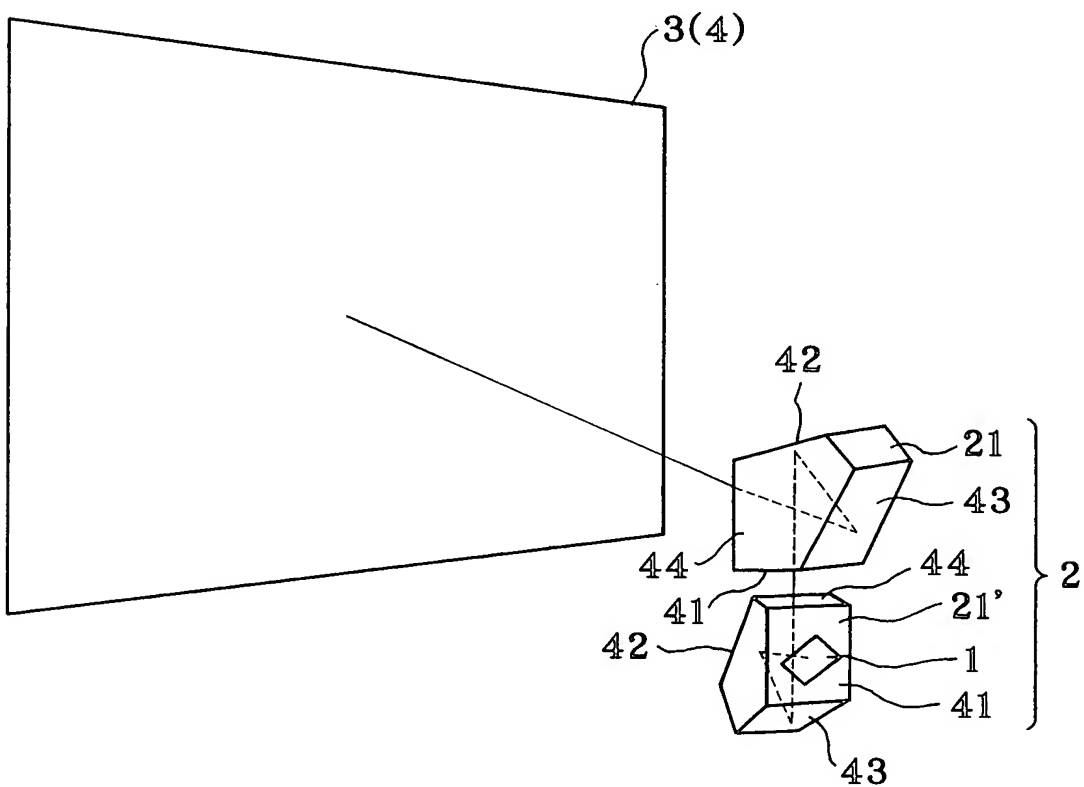


FIG. 38

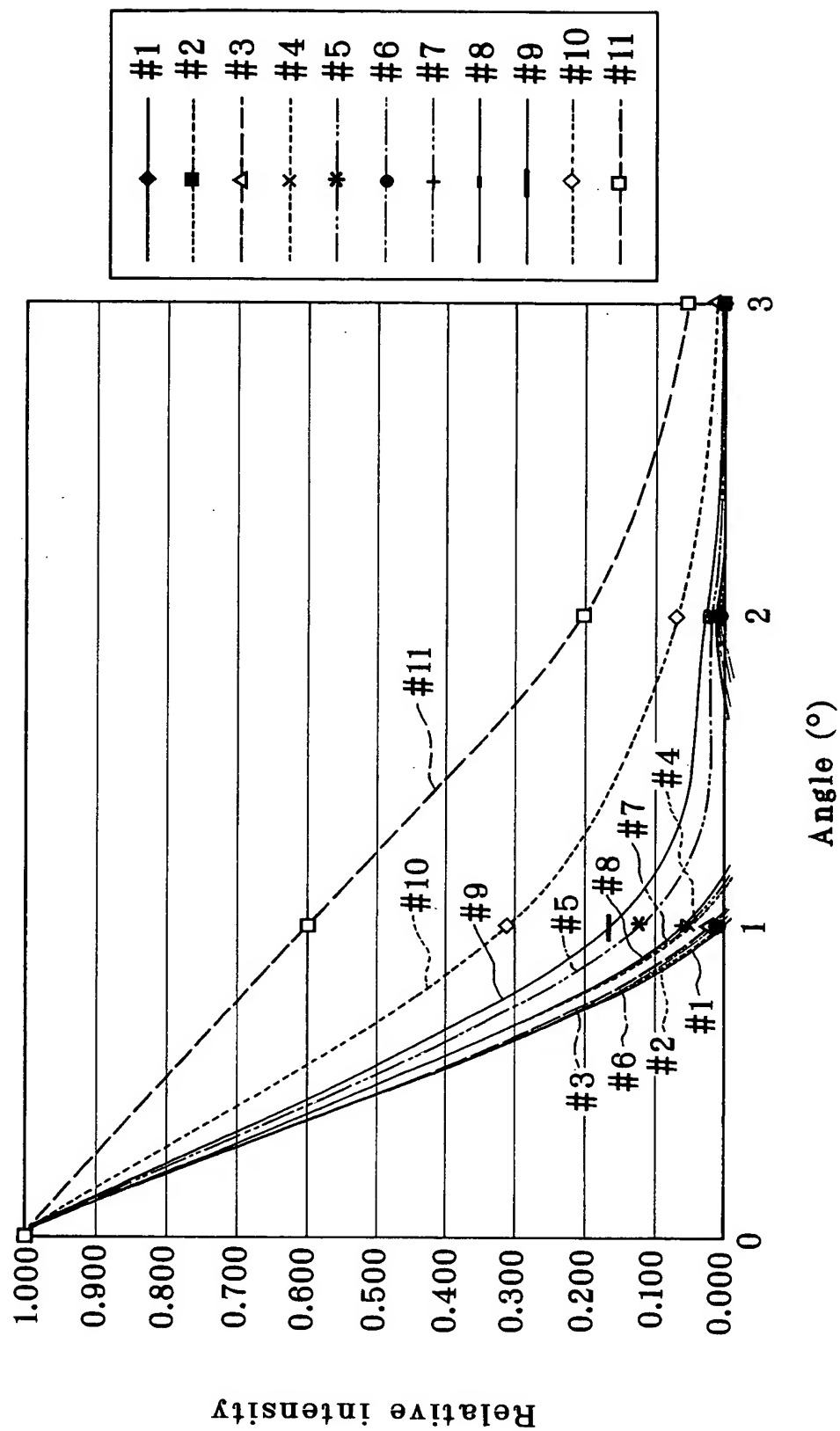


FIG. 39

